

JENA Engineering

2358 Sunshine Road, Suite 200
Allentown, PA 18103

Phone: 610-797-4200
britterjenaengineering95@gmail.com
www.jenaengineering.com

Civil/Structural Engineers and Surveyors

TO:	City of Allentown	DATE:29 October	2025
	Engineering Department	PROJECT NO:	021223
	641 S. 10 th Street	RE:	S. 12 th Street Apartments, Allentown, PA 18103
	Allentown, PA 18103		
ATTN:	Jedidiah Bortz		

We are sending you via:
Pick-Up

The Following Items:

☐	1 st Class Mail	☐	Prints
☐	Federal Express	☐	Letter
☐	Type:	☐	Mylar
☐		☐	Other
X	HAND DELIVER		

# Copies	Drawing No.	Description
4		4 Page Checklist
4		Checklist Letter from Jeffrey Mandulick dated 28 August 2025
4		Certification Statement – Sewage Facilities Planning Module Package – Comp. 3
4		Transmittal Letter for Sewage Facilities Planning Module
4		Resolution for Plan Revision for New Land Development
4		Sewage Facilities Planning Module – Component 3
4		Letter of Transmittal to Jennifer Gomez dated 6 October 2025 from LCA
4		Letter to Jennifer Gomez dated 1 October 2025 from LCA
4		LCA Flow Map – 2250 S. 12 th Street
4		LCA Flow Map – 2268 S. 12 th Street
4		Sewage Facilities Planning Module – Component 4A
4		Sewage Facilities Planning Module – Component 4B
4		PNDI Search Results dated 17 July 2025
4		Project Narrative
4		Alternative Analysis – Component 3 – Section H dated 19 September 2025
4		Letter to Jennifer Gomez from LCA dated 10 October 2025
4		Letter to Bryan Ritter dated 29 October 2025 from LVPC
4		Utility Plan

☐	For Your Information	☐	For Your Use	☐	As Requested
☐	For Review and Comment	☐	For Approval	☐	

REMARKS:

For your action/approval.

COPY _____

BY:
JENA Engineering Corp.

Checklist:

Applicant Checklist (√ or N/A)	Materials Required to be Included in the Planning Package	DEP Completeness Review
DEP Checklist Letter		
	DEP checklist letter is attached with items checked off by the applicant (or applicant's authorized representative) as included	
	DEP checklist letter certification statement completed and signed	
Transmittal Letter (Form 3850-FM-BCW0355)		
	Transmittal Letter is attached, completed and the appropriate boxes in Section (i) are checked.	
	Transmittal Letter is signed by the municipal secretary	
Resolution of Adoption (Form 3850-FM-BCW0356)		
	Resolution of Adoption is attached and completed	
	Resolution of Adoption is signed by the municipal secretary	
	Resolution of Adoption has a visible municipal seal	

Component 4A - Municipal Planning Agency Review (Form 3850-FM-BCW0362A)		
	Component 4A is attached, completed and signed	
	Municipal Responses to Component 4A comments are included	
Component 4B – County Planning Agency Review (Form 3850-FM-BCW0362B)		
	Component 4B is attached, completed and signed	
	Municipal Responses to Component 4B comments are included	
Component 3 Sewage Facilities Planning Module (Form 3800-FM-BPNPSM0353)		
<i>Section A: Project Information</i>		
	Section A.1. The Project Name is completed	
	Section A.2. The Brief Project Description is completed	
<i>Section B: Client Information</i>		
	Client Information is completed	
<i>Section C: Site Information</i>		
	Site Information is completed	
	A copy of the 7.5-minute USGS Topographic map is attached with the development site outlined, as required by the instructions and the checklist	
<i>Section D: Project Consultant Information</i>		
	Project Consultant Information is completed	
<i>Section E: Availability of Drinking Water Supply</i>		
	The appropriate box is checked in Section E	
	For existing public water supplies, the name of the company is provided	
	For public water supplies, the certification letter from the public water company is attached	
<i>Section F: Project Narrative</i>		
	The Project Narrative is attached	
	All information required in the module directions has been addressed	

<i>Section G: Proposed Wastewater Disposal Facilities</i>		
	Section G.1.a. The collection system boxes are checked	
	The Pennsylvania Clean Streams Law (CSL) permit number is provided for existing systems	
	Section G.1.b. The questions on the collection system are completed	
	Section G.2.a. The appropriate treatment facility box is checked	
	For existing treatment facilities, the name is provided	
	For existing treatment facilities, the NPDES permit number is provided	
	For existing treatment facilities, the CSL permit number is provided	
	For new treatment facilities, the discharge location is provided	
	Section G.2.b. The certification statement has been completed and signed by the wastewater treatment facility permittee or their representative	
	Section G.3. The plot plan is attached and contains all items in the module instructions under Section G.3	
	The plot plan will show the proposed sewer facilities, sewer extension and/or point of connection to the existing sewer line or point of discharge	
	Copies of easement(s) or right-of-way(s) are attached	
	Section G.4. The boxes are checked regarding Wetland Protection	
	Section G.5. The boxes are checked regarding Primary Agricultural Land	
	Section G.6. The boxes are checked confirming consistency with the Historic Preservation Act	
	The Cultural Resources Notice (CRN) (Form 0120-PM-PY0003) is attached	
	A return receipt for its submission to the PHMC is attached	
	The PHMC review letter is attached	
	Section G.7. The boxes are checked regarding Pennsylvania Natural Diversity Inventory (PNDI)	
	Pennsylvania Natural Diversity Inventory (PNDI) Project Environmental Review Receipt is attached	
	PNDI Review Receipt, if no potential impacts identified, is not older than 2 years	
	All supporting resolution documentation from jurisdictional agencies (when necessary) is attached and not older than 2 years	
	A completed PNDI Manual Project Submission Form (PNDI Form) (Form 8100-FM-FR0161) is attached (if applicable) with all supplemental materials and not older than 2 years.	
<i>Section H: Alternative Sewage Facilities Analysis</i>		
	The Alternative Sewage Facilities Analysis is attached	
	All information required in the module directions has been addressed	
<i>Section I: Compliance with Water Quality Standards and Effluent Limitations</i>		
	The box is checked regarding Waters Designated for Special Protection	
	The Social or Economic Justification is attached	
	The box is checked regarding Pennsylvania Waters Designated As Impaired	
	The box is checked regarding Interstate and International Waters	

	The box is checked regarding Tributaries to the Chesapeake Bay and the required information is provided	
	The Name of Permittee Agency, Authority, Municipality and the Initials of Responsible Agent are provided	
	If discharge to an intermittent stream, dry swale or manmade ditch is proposed, provide evidence that a certified letter has been sent to each owner of property over which the discharge will flow until perennial conditions are met	
<i>Section J: Chapter 94 Consistency Determination</i>		
	A map showing the path of the sewage to the treatment facility and the location of the discharge is provided	
	Section J.1. The Project Flows are provided	
	Section J.2. The permitted, existing, and projected average and peak flows are provided in the table for collection, conveyance and treatment facilities	
	Section J.3.a. The appropriate box is checked indicating capacity in the Collection and Conveyance Facilities	
	Section J.3.b. The Collection System information is completed, signed and dated	
	Section J.3.b. The Conveyance System information is completed, signed and dated	
	Section J.4.a. The appropriate box is checked regarding projected overloads at the Treatment Facility	
	Section J.4.b. The Treatment Facility information is completed, signed and dated	
	The Permittee of the wastewater treatment facility has submitted a Chapter 94 Wasteload Management Report, which includes the information for the collection and conveyance system to serve this project	
	An acceptable Wasteload Management Report Corrective Action Plan (CAP) and schedule has been submitted, as well as a connection management plan	
	A letter from the permittee, which grants allocations to the project consistent with the CAP, and a copy of the connection management plan has been submitted	
	Letter indicating the treatment plant is an interim regional treatment facility is attached	
<i>Section K: Treatment and Disposal Options</i>		
	For proposed treatment facilities, the appropriate box is checked indicating the selected Treatment and Disposal Option	
<i>Section L: Permeability Testing</i>		*Not Required for this Project
	The Permeability Testing information is attached	
<i>Section M: Preliminary Hydrogeologic Study</i>		*Not Required for this Project
	The Preliminary Hydrogeologic Study is attached	
	The Preliminary Hydrogeologic Study is signed and sealed by a Professional Geologist	

<i>Section N: Detailed Hydrogeologic Study</i>		*Not Required for this Project
	The Detailed Hydrogeologic Study is attached	
	The Detailed Hydrogeologic Study is signed and sealed by a Professional Geologist	
<i>Section O: Sewage Management</i>		
	Section O.1. The box is checked indicating municipal or private facilities	
	If municipal, the remainder of Section O is not applicable	
	If private, the required analysis and evaluation of sewage management options is attached	
	Section O.2. The appropriate box is checked regarding the use of nutrient credits or offsets	
	Section O.3. The Project Flows for the private facilities are provided	
	Section O.4.a. The appropriate box is checked indicating capacity in the existing private Collection and Conveyance Facilities	
	Section O.4.b. The private Collection System information is completed, signed and dated	
	Section O.4.c. The private Conveyance System information is completed, signed and dated	
	Section O.5.a. The appropriate box is checked regarding projected overloads at the private Treatment Facility	
	Section O.5.b. The private Treatment Facility information is completed, signed and dated	
	Section O.6. The box is checked indicating the municipality will assure proper operation and maintenance of the proposed private facilities	
	The required documentation of sewage management is attached	
<i>Section P: Public Notification Requirement</i>		
	All Public Notification boxes in this section are checked	
	The public notice is attached, if public notification is necessary	
	All comments received as a result of the notice are attached	
	The municipal responses to these comments are attached	
	The box is checked indicating that no comments were received, if valid	
<i>Section Q: False Swearing Statements</i>		
	The planning module preparer's false swearing statement is completed and signed	
<i>Section R: Planning Module Review Fee</i>		
	The correct fee has been calculated	
	The correct fee has been paid	
	The request for fee exemption has been checked	
	The deed reference information is provided to support the fee exemption	
<i>Completeness Checklist</i>		
	The module completeness checklist is included	
	All completeness items have been checked as included by the municipality, as appropriate	
	The Municipal Official has signed and dated the checklist	

August 28, 2025

VIA ELECTRONIC MAIL:

David Bray
JENA Engineering Corporation
2358 Sunshine Road
Allentown, PA 18103

Re: Checklist Letter
Sewage Facilities Planning Module Package - Component 3
Exchange 32 LLC
2268 South 12th Street
17,136 GPD/72 EDU
DEP Code #: 2-39001368-3
City of Allentown, Lehigh County

Dear David Bray:

You are receiving this letter in response to your Sewage Facilities Planning Application Mailer submitted to the Department of Environmental Protection (DEP) for the proposed development specified above. Enclosed with this letter are a checklist and applicable sewage facilities planning module component and supporting forms. The checklist outlines what is required to be completed and submitted to the municipality and the DEP as a complete planning module package. The planning module must be completed and submitted to the municipality in which the project is located for review and, if acceptable, adoption. If the project boundary extends beyond a single municipality and/or county, then sign offs on the appropriate sections of the planning module must be obtained from all applicable municipalities and counties where the project is located. After adoption by the municipality, two (2) copies of the completed planning module package must be submitted to DEP for review and final action. Answer all questions within the planning module. If you feel a question is not applicable, please provide explanation; do not simply answer "N/A" or "Not Applicable".

The applicant and municipality should certify that the submittal is complete and includes all requested items by signing the enclosed Certification Statements. A copy of this letter and the signed Certification Statement should be attached to the planning module upon its submission.

This letter and the enclosed checklist are to be used by the applicant (or the applicant's authorized representative) as a guide when completing the Planning Module and do not supersede the rules and regulations found in Chapter 71.

In all cases, address the immediate and long-range sewage disposal needs of the project and comply with 25 Pa. Code, Chapter 71, Subchapter C relating to New Land Development Plan Revisions.

If you have any questions concerning the information required, please contact me at 570.826.2465 or by email at jmondulick@pa.gov.

Sincerely,

Jeffrey Mondulick

Jeffrey Mondulick
Sewage Planning Specialist
Clean Water Program

Enclosures: Certification Statement
 Checklist
 Component 3 Sewage Facilities Planning Module form
 County Planning Agency Review form and its Instruction, 4B
 Instructions for Component 3 Sewage Facilities Planning Module form
 Municipality Planning Agency Review form and its Instruction, 4A
 Resolution form
 Transmittal Letter form

Certification Statement
Sewage Facilities Planning Module Package - Component 3
Exchange 32 LLC
17,136 GPD/72 EDU
DEP Code #: 2-39001368-3
City of Allentown, Lehigh County

CERTIFICATION STATEMENT

I certify that this submittal is complete and includes all requested items. I understand that failure to submit a complete module package may result in a denial of the application.

Signed: _____ Date: _____
Applicant (or Applicant's authorized representative)

Signed: _____ Date: _____
Municipal Secretary



TRANSMITTAL LETTER FOR SEWAGE FACILITIES PLANNING MODULE

DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) USE ONLY				
DEP CODE # 2-39001368-3	CLIENT ID #	SITE ID #	APS ID #	AUTH. ID #

TO: Approving Agency (DEP or delegated local agency)

Date 17 September 2025Bethlehem District Office - DEP4530 Bath PikeBethlehem, PA 18017-9074

Dear Sir/Madam:

Attached please find a completed sewage facilities planning module prepared by Bryan L. Ritter, P.E.

(Name)

President, JENA Engineering Corp.

(Title)

for 2250 and 2268 12th Street

(Name)

a subdivision, commercial, or industrial facility located in City of AllentownLehigh

(City, Borough, Township)

County.

Check one

- ☒ (i) The planning module, as prepared and submitted by the applicant, is approved by the municipality as a proposed ☒ revision ☐ supplement for new land development to its Official Sewage Facilities Plan (Official Plan), and is ☒ adopted for submission to DEP ☐ transmitted to the delegated LA for approval in accordance with the requirements of 25 Pa. Code Chapter 71 and the *Pennsylvania Sewage Facilities Act* (35 P.S. §750),

OR

- ☐ (ii) The planning module will not be approved by the municipality as a proposed revision or supplement for new land development to its Official Plan because the project described therein is unacceptable for the reason(s) checked below:

Check Boxes

- ☐ Additional studies are being performed by or on behalf of this municipality which may have an effect on the planning module as prepared and submitted by the applicant. Attached hereto is the scope of services to be performed and the time schedule for completion of said studies.
- ☐ The planning module as submitted by the applicant fails to meet limitations imposed by other laws or ordinances, officially adopted comprehensive plans and/or environmental plans (e.g., zoning, land use, 25 Pa. Code Chapter 71). Specific reference or applicable segments of such laws or plans are attached hereto.
- ☐ Other (attach additional sheet giving specifics).

Municipal Secretary: Indicate below by checking appropriate boxes which components are being transmitted to the approving agency.

- | | | |
|--|--|---|
| ☒ Resolution of Adoption | ☒ 3 Sewage Collection/Treatment Facilities | ☒ 4A Municipal Planning Agency Review |
| ☒ Module Completeness Checklist | ☐ 3s Small Flow Treatment Facilities | ☒ 4B County Planning Agency Review |
| ☐ 2 Individual and Community Onlot Disposal of Sewage | | ☐ 4C County or Joint Health Department Review |

Municipal Secretary (print)

Signature

Date



RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT

RESOLUTION OF THE (SUPERVISORS) (COMMISSIONERS) (COUNCILMEN) of City of Allentown
(TOWNSHIP) (BOROUGH) (CITY), Lehigh COUNTY, PENNSYLVANIA (hereinafter "the municipality").

WHEREAS Section 5 of the Act of January 24, 1966, P.L. 1535, No. 537, known as the *Pennsylvania Sewage Facilities Act*, as Amended, and the rules and Regulations of the Pennsylvania Department of Environmental Protection (DEP) adopted thereunder, Chapter 71 of Title 25 of the Pennsylvania Code, require the municipality to adopt an Official Sewage Facilities Plan providing for sewage services adequate to prevent contamination of waters of the Commonwealth and/or environmental health hazards from sewage wastes, and to revise said plan whenever it is necessary to determine whether a proposed method of sewage disposal for a new land development conforms to a comprehensive program of pollution control and water quality management, and

WHEREAS Exchange 32 LLC
land developer has proposed the development of a parcel of land identified as

S. 12th Street Apartments, and described in the attached Sewage Facilities Planning Module, and
name of subdivision

proposes that such subdivision be served by: (check all that apply), ☒ sewer tap-ins, ☐ sewer extension, ☐ new treatment facility, ☐ individual onlot systems, ☐ community onlot systems, ☐ spray irrigation, ☐ retaining tanks, ☐ other, (please specify). _____

WHEREAS, City of Allentown
municipality finds that the subdivision described in the attached

Sewage Facilities Planning Module conforms to applicable sewage related zoning and other sewage related municipal ordinances and plans, and to a comprehensive program of pollution control and water quality management.

NOW, THEREFORE, BE IT RESOLVED that the (Supervisors) (Commissioners) (Councilmen) of the (Township) (Borough) (City) of City of Allentown hereby adopt and submit to DEP for its approval as a revision to the "Official Sewage Facilities Plan" of the municipality the above referenced Sewage Facilities Planning Module which is attached hereto.

I _____, Secretary, _____
(Signature)

Township Board of Supervisors (Borough Council) (City Councilmen), hereby certify that the foregoing is a true copy of the Township (Borough) (City) Resolution # _____, adopted, _____, 20____.

Municipal Address:

City of Allentown
435 Hamilton Street
Allentown, PA
Telephone (610)437-7830

Seal of
Governing Body



SEWAGE FACILITIES PLANNING MODULE

Component 3. Sewage Collection and Treatment Facilities

(Return completed module package to appropriate municipality)

DEP USE ONLY				
DEP CODE #	CLIENT ID #	SITE ID #	APS ID #	AUTH ID #
2-39001368-3				

This planning module component is used to fulfill the planning requirements of Act 537 for the following types of projects: (1) a subdivision to be served by sewage collection, conveyance or treatment facilities, (2) a tap-in to an existing collection system with flows on a lot of 2 EDU's or more, or (3) the construction of, or modification to, wastewater collection, conveyance or treatment facilities that will require DEP to issue or modify a Clean Streams Law permit. Planning for any project that will require DEP to issue or modify a permit cannot be processed by a delegated agency. Delegated agencies must send their projects to DEP for final planning approval.

This component, along with any other documents specified in the cover letter, must be completed and submitted to the municipality with jurisdiction over the project site for review and approval. All required documentation must be attached for the Sewage Facilities Planning Module to be complete. Refer to the instructions for help in completing this component.

REVIEW FEES: Amendments to the Sewage Facilities Act established fees to be paid by the developer for review of planning modules for land development. These fees may vary depending on the approving agency for the project (DEP or delegated local agency). Please see section R and the instructions for more information on these fees.

NOTE: All projects must complete Sections A through I, and Sections O through R. Complete Sections J, K, L, M and/or N if applicable or marked ☒.

A. PROJECT INFORMATION (See Section A of instructions)

- Project Name S. 12th Street Apartments
- Brief Project Description Construction of New 50 Unit Apartment Building (2250 S. 12th Street) and re-purposing of an existing building, former LVHN business office into a 40 Unit Apartment Building (2268 S. 12th Street)

B. CLIENT (MUNICIPALITY) INFORMATION (See Section B of instructions)

Municipality Name	County	City	Boro	Twp
City of Allentown	Lehigh	☒	☐	☐
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Gomez	Jennifer		Ms.	Director of Planning and Zoning
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1	Mailing Address Line 2			
435 Hamilton Street	Bureau of Planning and Zoning			
Address Last Line - City	State	ZIP+4		
Allentown	PA	18101-1699		
Area Code + Phone + Ext.	FAX (optional)	Email (optional)		
610-437-7830		Jennifer.Gomez@allentownpa.gov		

C. SITE INFORMATION (See Section C of instructions)

Site (Land Development or Project) Name

S. 12th Street Apartments

Site Location Line 1

2250 and 2268 S. 12th Street

Site Location Line 2

Site Location Last Line -- City

Allentown

State

PA

ZIP+4

18103

Latitude

40.5705507290667

Longitude

75.4736758136584

Detailed Written Directions to Site From Exit from Interstate 78 turn onto Lehigh St. driving north approx. 0.3 miles to traffic light at Downyflake Lane, turn right onto Downyflake Lane traveling East to intersection w/ S. 12th Street. Turn right onto S. 12th Street and property will be on your right immediately after Pinnacle Exteriors (2222 S. 12th Street).

Description of Site Existing paved parking lot (2250 S. 12th Street) and existing building and paved parking lot (2268 S. 12th Street) Total lot size = 2.226 Acres

Site Contact (Developer/Owner)

Last Name

Atyieh

First Name

Abraham

MI

R

Suffix

Mr

Phone

610-97-7777

Ext.

Site Contact Title

Manager

Site Contact Firm (if none, leave blank)

FAX

610-403-3408

Email

abe7777@icloud.com

Mailing Address Line 1

1177 6th Street

Mailing Address Line 2

Mailing Address Last Line -- City

Whitehall

State

PA

ZIP+4

18052

D. PROJECT CONSULTANT INFORMATION (See Section D of instructions)

Last Name

Ritter

First Name

Bryan

MI

L

Suffix

Mr

Title

President

Consulting Firm Name

JENA Engineering Corp.

Mailing Address Line 1

2258 Sunshine Road

Mailing Address Line 2

Suite 200

Address Last Line -- City

Allentown

State

PA

ZIP+4

18103

Country

USA

Email

britterjenaengineering95@gmail.com

Area Code +

Phone

610-797-4200

Ext.

15

Area Code + FAX

E. AVAILABILITY OF DRINKING WATER SUPPLY

The project will be provided with drinking water from the following source: (Check appropriate box)

☐ Individual wells or cisterns.

☐ A proposed public water supply.

☒ An existing public water supply.

If existing public water supply is to be used, provide the name of the water company and attach documentation from the water company stating that it will serve the project.

Name of water company: Lehigh County Authority, Agent for City of Allentown

F. PROJECT NARRATIVE (See Section F of instructions)

☒ A narrative has been prepared as described in Section F of the instructions and is attached.

The applicant may choose to include additional information beyond that required by Section F of the instructions.

G. PROPOSED WASTEWATER DISPOSAL FACILITIES (See Section G of instructions)

Check all boxes that apply, and provide information on collection, conveyance and treatment facilities and EDU's served. This information will be used to determine consistency with Chapter 93 (relating to wastewater treatment requirements).

1. COLLECTION SYSTEM

a. Check appropriate box concerning collection system

- ☐ New collection system ☐ Pump Station ☐ Force Main
☐ Grinder pump(s) ☒ Extension to existing collection system ☐ Expansion of existing facility

Clean Streams Law Permit Number Pipe Installed 1968 - No City Permits on file for this location

b. Answer questions below on collection system

Number of EDU's and proposed connections to be served by collection system. EDU's 72

Connections 1

Name of:

existing collection or conveyance system Allentown

owner City of Allentown

existing interceptor Jordon Creek Interceptor

owner City of Allentown

2. WASTEWATER TREATMENT FACILITY

Check all boxes that apply, and provide information on collection, conveyance and treatment facilities and EDU's served. This information will be used to determine consistency with Chapter(s) 91 (relating to general provisions), 92 (relating to national Pollution Discharge Elimination System permitting, monitoring and compliance) and 93 (relating to water quality standards).

a. Check appropriate box and provide requested information concerning the treatment facility

- ☐ New facility ☒ Existing facility ☐ Upgrade of existing facility ☐ Expansion of existing facility

Name of existing facility Kline's Island WWTP

NPDES Permit Number for existing facility -26000

Clean Streams Law Permit Number 3973402

Location of discharge point for a new facility. Latitude _____ Longitude _____

b. The following certification statement must be completed and signed by the wastewater treatment facility permittee or their representative.

As an authorized representative of the permittee, I confirm that the Kline's Island WWTP

(Name from above) sewage treatment facilities can accept sewage flows from this project without adversely affecting the facility's ability to achieve all applicable technology and water quality based effluent limits (see Section I) and conditions contained in the NPDES permit identified above.

Name of Permittee Agency, Authority, Municipality City of Allentown, Lehigh County Authority, Agent

Name of Responsible Agent Liesel M. Gross

Agent Signature Liesel M. Gross

Date 10/1/2015

(Also see Section I. 4.)

G. PROPOSED WASTEWATER DISPOSAL FACILITIES (Continued)

3. PLOT PLAN

The following information is to be submitted on a plot plan of the proposed subdivision.

- a. Existing and proposed buildings.
- b. Lot lines and lot sizes.
- c. Adjacent lots.
- d. Remainder of tract.
- e. Existing and proposed sewerage facilities. Plot location of discharge point, land application field, spray field, COLDS, or LVCOLDS if a new facility is proposed.
- f. Show tap-in or extension to the point of connection to existing collection system (if applicable).
- g. Existing and proposed water supplies and surface water (wells, springs, ponds, streams, etc.)
- h. Existing and proposed rights-of-way.
- i. Existing and proposed buildings, streets, roadways, access roads, etc.
- j. Any designated recreational or open space area.
- k. Wetlands - from National Wetland Inventory Mapping and USGS Hydric Soils Mapping.
- l. Flood plains or Flood prone areas, floodways, (Federal Flood Insurance Mapping)
- m. Prime Agricultural Land.
- n. Any other facilities (pipelines, power lines, etc.)
- o. Orientation to north.
- p. Locations of all site testing activities (soil profile test pits, slope measurements, permeability test sites, background sampling, etc. (if applicable).
- q. Soils types and boundaries when a land based system is proposed.
- r. Topographic lines with elevations when a land based system is proposed

4. WETLAND PROTECTION

YES NO

- a. ☐ ☒ Are there wetlands in the project area? If yes, ensure these areas appear on the plot plan as shown in the mapping or through on-site delineation.
- b. ☐ ☒ Are there any construction activities (encroachments, or obstructions) proposed in, along, or through the wetlands? If yes, identify any proposed encroachments on wetlands and identify whether a General Permit or a full encroachment permit will be required. If a full permit is required, address time and cost impacts on the project. Note that wetland encroachments should be avoided where feasible. Also note that a feasible alternative **MUST BE SELECTED** to an identified encroachment on an exceptional value wetland as defined in Chapter 105. Identify any project impacts on streams classified as HQ or EV and address impacts of the permitting requirements of said encroachments on the project.

5. PRIME AGRICULTURAL LAND PROTECTION

YES NO

- ☐ ☒ Will the project involve the disturbance of prime agricultural lands?
If yes, coordinate with local officials to resolve any conflicts with the local prime agricultural land protection program. The project must be consistent with such municipal programs before the sewage facilities planning module package may be submitted to DEP
If no, prime agricultural land protection is not a factor to this project.
- ☐ ☐ Have prime agricultural land protection issues been settled?

6. HISTORIC PRESERVATION ACT

YES NO

- ☐ ☒ Sufficient documentation is attached to confirm that this project is consistent with DEP Technical Guidance 012-0700-001 *Implementation of the PA State History Code* (available online at the DEP website at www.dep.state.pa.us, select "subject" then select "technical guidance"). As a minimum this includes copies of the completed Cultural Resources Notice

(CRN), a return receipt for its submission to the PHMC and the PHMC review letter.

7. PROTECTION OF RARE, ENDANGERED OR THREATENED SPECIES

Check one:

- ☒ The "Pennsylvania Natural Diversity Inventory (PNDI) Project Environmental Review Receipt" resulting from my search of the PNDI database and all supporting documentation from jurisdictional agencies (when necessary) is/are attached.
- ☐ A completed "Pennsylvania Natural Diversity Inventory (PNDI) Project Planning & Environmental Review Form," (PNDI Form) available at www.naturalheritage.state.pa.us, and all required supporting documentation is attached. I request DEP staff to complete the required PNDI search for my project. I realize that my planning module will be considered incomplete upon submission to the Department and that the DEP review will not begin, and that processing of my planning module will be delayed, until a "PNDI Project Environmental Review Receipt" and all supporting documentation from jurisdictional agencies (when necessary) is/are received by DEP.

Applicant or Consultant Initials _____

H. ALTERNATIVE SEWAGE FACILITIES ANALYSIS (See Section H of instructions)

- ☒ An alternative sewage facilities analysis has been prepared as described in Section H of the attached instructions and is attached to this component.
- The applicant may choose to include additional information beyond that required by Section H of the attached instructions.

I. COMPLIANCE WITH WATER QUALITY STANDARDS AND EFFLUENT LIMITATIONS (See Section I of instructions) (Check and complete all that apply.)

1. Waters designated for Special Protection

- ☐ The proposed project will result in a new or increased discharge into special protection waters as identified in Title 25, Pennsylvania Code, Chapter 93. The Social or Economic Justification (SEJ) required by Section 93.4c. is attached.

2. Pennsylvania Waters Designated As Impaired

- ☐ The proposed project will result in a new or increased discharge of a pollutant into waters that DEP has identified as being impaired by that pollutant. A pre-planning meeting was held with the appropriate DEP regional office staff to discuss water quality based discharge limitations.

3. Interstate and International Waters

- ☐ The proposed project will result in a new or increased discharge into interstate or international waters. A pre-planning meeting was held with the appropriate DEP regional office staff to discuss effluent limitations necessary to meet the requirements of the interstate or international compact.

4. Tributaries To The Chesapeake Bay

- ☐ The proposed project result in a new or increased discharge of sewage into a tributary to the Chesapeake Bay. This proposal for a new sewage treatment facility or new flows to an existing facility includes total nitrogen and total phosphorus in the following amounts: _____ pounds of TN per year, and _____ pounds of TP per year. Based on the process design and effluent limits, the total nitrogen treatment capacity of the wastewater treatment facility is _____ pounds per year and the total phosphorus capacity is _____ pounds per year as determined by the wastewater treatment facility permittee. The permittee has determined that the additional TN and TP to be contributed by this project (as modified by credits and/or offsets to be provided) will not cause the discharge to exceed the annual total mass limits for these parameters. Documentation of compliance with nutrient allocations is attached.

Name of Permittee Agency, Authority, Municipality _____

Initials of Responsible Agent (See Section G 2.b) _____

See *Special Instructions* (Form 3800-FM-BPNPSM0353-1) for additional information on Chesapeake Bay watershed requirements.

☐ **J. CHAPTER 94 CONSISTENCY DETERMINATION** (See Section J of instructions)

Projects that propose the use of existing municipal collection, conveyance or wastewater treatment facilities, or the construction of collection and conveyance facilities to be served by existing municipal wastewater treatment facilities must be consistent with the requirements of Title 25, Chapter 94 (relating to Municipal Wasteload Management). If not previously included in Section F, include a general map showing the path of the sewage to the treatment facility. If more than one municipality or authority will be affected by the project, please obtain the information required in this section for each. Additional sheets may be attached for this purpose.

1. Project Flows 17136 gpd

2. Total Sewage Flows to Facilities (pathway from point of origin through treatment plant)

When providing "treatment facilities" sewage flows, use Annual Average Daily Flow for "average" and Maximum Monthly Average Daily Flow for "peak" in all cases. For "peak flows" in "collection" and "conveyance" facilities, indicate whether these flows are "peak hourly flow" or "peak instantaneous flow" and how this figure was derived (i.e., metered, measured, estimated, etc.).

- Enter average and peak sewage flows for each proposed or existing facility as designed or permitted.
- Enter the average and peak sewage flows for the most restrictive sections of the existing sewage facilities.
- Enter the average and peak sewage flows, projected for 5 years (2 years for pump stations) through the most restrictive sections of the existing sewage facilities. Include existing, proposed (this project) and future project (other approved projects) flows.

To complete the table, refer to the instructions, Section J.

	a. Design and/or Permitted Capacity (gpd) ^{m60}		b. Present Flows (gpd) ^{m60}		c. Projected Flows in 5 years (gpd) ^{m60} (2 years for P.S.)	
	Average	Peak	Average	Peak	Average	Peak
Collection	0.36	1.44	0.07	0.20	0.10	0.23
Conveyance	58	81	30	78 ["]	31	80 ["]
Treatment	40	40	32.3	40	33.4	42

3. Collection and Conveyance Facilities

["] Peak Hourly Flow - Estimated

The questions below are to be answered by the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities. These questions should be answered in coordination with the latest Chapter 94 annual report and the above table. The individual(s) signing below must be legally authorized to make representation for the organization.

YES NO

- a. ☐ ☒ This project proposes sewer extensions or tap-ins. Will these actions create a hydraulic overload within five years on any existing collection or conveyance facilities that are part of the system?

If yes, this sewage facilities planning module will not be accepted for review by the municipality, delegated local agency and/or DEP until all inconsistencies with Chapter 94 are resolved or unless there is an approved Corrective Action Plan (CAP) granting an allocation for this project. A letter granting allocations to this project under the CAP must be attached to the module package.

If no, a representative of the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities must sign below to indicate that the collection and conveyance facilities have adequate capacity and are able to provide service to the proposed development in accordance with both §71.53(d)(3) and Chapter 94 requirements and that this proposal will not affect that status.

b. Collection System

Name of Agency, Authority, Municipality City of Allentown, Lehigh County Authority, Agent

Name of Responsible Agent Leisel M. Gross

Agent Signature

Leisel M. Gross

Date

10/1/2015

☐ **J. CHAPTER 94 CONSISTENCY DETERMINATION** (See Section J of instructions)

c. Conveyance System

Name of Agency, Authority, Municipality City of Allentown, Lehigh County Authority, Agent

Name of Responsible Agent Leisel M. Gross

Agent Signature *Leisel M. Gross*

Date 10/1/2015

4. Treatment Facility

The questions below are to be answered by a representative of the facility permittee in coordination with the information in the table and the latest Chapter 94 report. The individual signing below must be legally authorized to make representation for the organization.

YES NO

- a. ☒ ☐ This project proposes the use of an existing wastewater treatment plant for the disposal of sewage. Will this action create a hydraulic or organic overload within 5 years at that facility?

If yes, this planning module for sewage facilities will not be reviewed by the municipality, delegated local agency and/or DEP until this inconsistency with Chapter 94 is resolved or unless there is an approved CAP granting an allocation for this project. A letter granting allocations to this project under the CAP must be attached to the planning module.

If no, the treatment facility permittee must sign below to indicate that this facility has adequate treatment capacity and is able to provide wastewater treatment services for the proposed development in accordance with both §71.53(d)(3) and Chapter 94 requirements and that this proposal will not impact that status.

- b. Name of Agency, Authority, Municipality City of Allentown, Lehigh County Authority, Agent

Name of Responsible Agent Leisel M. Gross

Agent Signature *Leisel M. Gross*

Date 10/1/2015

☐ **K. TREATMENT AND DISPOSAL OPTIONS** (See Section K of instructions)

This section is for land development projects that propose construction of wastewater treatment facilities. Please note that, since these projects require permits issued by DEP, these projects may NOT receive final planning approval from a delegated local agency. Delegated local agencies must send these projects to DEP for final planning approval.

Check the appropriate box indicating the selected treatment and disposal option.

- ☐ 1. Spray irrigation (other than individual residential spray systems (IRSIS)) or other land application is proposed, and the information requested in Section K.1. of the planning module instructions are attached.
- ☐ 2. Recycle and reuse is proposed and the information requested in Section K-2 of the planning module instructions is attached.
- ☐ 3. A discharge to a dry stream channel is proposed, and the information requested in Section K.3. of the planning module instructions are attached.
- ☐ 4. A discharge to a perennial surface water body is proposed, and the information requested in Section K.4. of the planning module instructions are attached.

☐ **L. PERMEABILITY TESTING** (See Section L of instructions)

- ☐ The information required in Section L of the instructions is attached.

☐ **M. PRELIMINARY HYDROGEOLOGIC STUDY** (See Section M of instructions)

- ☐ The information required in Section M of the instructions is attached.

☐ **N. DETAILED HYDROGEOLOGIC STUDY** (See Section N of instructions)

☐ The detailed hydrogeologic information required in Section N. of the instructions is attached.

O. SEWAGE MANAGEMENT (See Section O of instructions)

(1-3 for completion by the developer(project sponser), 4-5 for completion by the non-municipal facility agent and 6 for completion by the municipality)

Yes No

1. ☐ ☒ Is connection to, or construction of, a DEP permitted, non-municipal sewage facility or a local agency permitted, community onlot sewage facility proposed.

If Yes, respond to the following questions, attach the supporting analysis, and an evaluation of the options available to assure long-term proper operation and maintenance of the proposed non-municipal facilities. If No, skip the remainder of Section O.

2. Project Flows _____ gpd

Yes No

3. ☐ ☐ Is the use of nutrient credits or offsets a part of this project?

If yes, attach a letter of intent to purchase the necessary credits and describe the assurance that these credits and offsets will be available for the remaining design life of the non-municipal sewage facility;

(For completion by non-municipal facility agent)

4. Collection and Conveyance Facilities

The questions below are to be answered by the organization/individual responsible for the non-municipal collection and conveyance facilities. The individual(s) signing below must be legally authorized to make representation for the organization.

Yes No

- a. ☐ ☐ If this project proposes sewer extensions or tap-ins, will these actions create a hydraulic overload on any existing collection or conveyance facilities that are part of the system?

If yes, this sewage facilities planning module will not be accepted for review by the municipality, delegated local agency and/or DEP until this issue is resolved.

If no, a representative of the organization responsible for the collection and conveyance facilities must sign below to indicate that the collection and conveyance facilities have adequate capacity and are able to provide service to the proposed development in accordance with Chapter 71 §71.53(d)(3) and that this proposal will not affect that status.

- b. Collection System

Name of Responsible Organization _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

- c. Conveyance System

Name of Responsible Organization _____

Name of Responsible Agent _____

Agent Signature _____

Date _____

5. Treatment Facility

The questions below are to be answered by a representative of the facility permittee. The individual signing below must be legally authorized to make representation for the organization.

Yes No

- a. ☐ ☐ If this project proposes the use of an existing non-municipal wastewater treatment plant for the disposal of sewage, will this action create a hydraulic or organic overload at that facility?

If yes, this planning module for sewage facilities will not be reviewed by the municipality, delegated local agency and/or DEP until this issue is resolved.

If no, the treatment facility permittee must sign below to indicate that this facility has adequate treatment capacity and is able to provide wastewater treatment services for the proposed development in accordance with §71.53(d)(3) and that this proposal will not impact that status.

- b. Name of Facility _____
Name of Responsible Agent _____
Agent Signature _____
Date _____

(For completion by the municipality)

6. ☐ The **SELECTED OPTION** necessary to assure long-term proper operation and maintenance of the proposed non-municipal facilities is clearly identified with documentation attached in the planning module package.

P. PUBLIC NOTIFICATION REQUIREMENT (See Section P of instructions)

This section must be completed to determine if the applicant will be required to publish facts about the project in a newspaper of general circulation to provide a chance for the general public to comment on proposed new land development projects. This notice may be provided by the applicant or the applicant's agent, the municipality or the local agency by publication in a newspaper of general circulation within the municipality affected. Where an applicant or an applicant's agent provides the required notice for publication, the applicant or applicant's agent shall notify the municipality or local agency and the municipality and local agency will be relieved of the obligation to publish. The required content of the publication notice is found in Section P of the instructions.

To complete this section, each of the following questions must be answered with a "yes" or "no". Newspaper publication is required if any of the following are answered "yes".

Yes No

1. ☐ ☒ Does the project propose the construction of a sewage treatment facility ?
2. ☐ ☒ Will the project change the flow at an existing sewage treatment facility by more than 50,000 gallons per day?
3. ☐ ☒ Will the project result in a public expenditure for the sewage facilities portion of the project in excess of \$100,000?
4. ☐ ☒ Will the project lead to a major modification of the existing municipal administrative organizations within the municipal government?
5. ☐ ☒ Will the project require the establishment of *new* municipal administrative organizations within the municipal government?
6. ☐ ☒ Will the project result in a subdivision of 50 lots or more? (onlot sewage disposal only)
7. ☐ ☒ Does the project involve a major change in established growth projections?
8. ☐ ☒ Does the project involve a different land use pattern than that established in the municipality's Official Sewage Plan?

P. PUBLIC NOTIFICATION REQUIREMENT cont'd. (See Section P of instructions)

9. ☐ ☒ Does the project involve the use of large volume onlot sewage disposal systems (Flow > 10,000 gpd)?
10. ☐ ☒ Does the project require resolution of a conflict between the proposed alternative and consistency requirements contained in §71.21(a)(5)(i), (ii), (iii)?
11. ☐ ☒ Will sewage facilities discharge into high quality or exceptional value waters?
- ☐ Attached is a copy of:
- ☐ the public notice,
 - ☐ all comments received as a result of the notice,
 - ☐ the municipal response to these comments.
- ☐ No comments were received. A copy of the public notice is attached.

Q. FALSE SWEARING STATEMENT (See Section Q of instructions)

I verify that the statements made in this component are true and correct to the best of my knowledge, information and belief. I understand that false statements in this component are made subject to the penalties of 18 PA C.S.A. §4904 relating to unsworn falsification to authorities.

Bryan L. Ritter, P.E.

Name (Print)

Bryan L. Ritter

Signature

President

Title

9/14/25

Date

2358 Sunshine Road, Suite 200, Allentown, PA 18103

610-797-4200 Ext. 15

Address

Telephone Number

R. REVIEW FEE (See Section R of instructions)

The Sewage Facilities Act establishes a fee for the DEP planning module review. DEP will calculate the review fee for the project and invoice the project sponsor OR the project sponsor may attach a self-calculated fee payment to the planning module prior to submission of the planning package to DEP. (Since the fee and fee collection procedures may vary if a "delegated local agency" is conducting the review, the project sponsor should contact the "delegated local agency" to determine these details.) Check the appropriate box.

- ☐ I request DEP calculate the review fee for my project and send me an invoice for the correct amount. I understand DEP's review of my project will not begin until DEP receives the correct review fee from me for the project.
- ☒ I have calculated the review fee for my project using the formula found below and the review fee guidance in the instructions. I have attached a check or money order in the amount of \$ _____ payable to "Commonwealth of PA, DEP". Include DEP code number on check. I understand DEP will not begin review of my project unless it receives the fee and determines the fee is correct. If the fee is incorrect, DEP will return my check or money order, send me an invoice for the correct amount. I understand DEP review will NOT begin until I have submitted the correct fee.
- ☐ I request to be exempt from the DEP planning module review fee because this planning module creates **only one** new lot and is the **only** lot subdivided from a parcel of land as that land existed on December 14, 1995. I realize that subdivision of a second lot from this parcel of land shall disqualify me from this review fee exemption. I am furnishing the following deed reference information in support of my fee exemption.

County Recorder of Deeds for _____ County, Pennsylvania

Deed Volume _____ Book Number _____

Page Number _____ Date Recorded _____

R. REVIEW FEE (continued)

Formula:

1. For a new collection system (with or without a Clean Streams Law Permit), a collection system extension, or individual tap-ins to an existing collection system use this formula.

$$\#72 \quad \text{Lots (or EDUs) X \$50.00 = \$ } 3,600.00$$

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
 - For community sewer system projects, one EDU is equal to a sewage flow of 400 gallons per day.
2. For a surface or subsurface discharge system, use the appropriate one of these formulae.

- A. A new surface discharge greater than 2000 gpd will use a flat fee:

\$ 1,500 per submittal (non-municipal)
\$ 500 per submittal (municipal)

- B. An increase in an existing surface discharge will use:

$$\# \quad \text{Lots (or EDUs) X \$35.00 = \$ }$$

to a maximum of \$ 1,500 per submittal (non-municipal) or \$ 500 per submittal (municipal)

The fee is based upon:

- The number of lots created or number of EDUs whichever is higher.
- For community sewage system projects one EDU is equal to a sewage flow of 400 gallons per day.
- For non-single family residential projects, EDUs are calculated using projected population figures

- C. A sub-surface discharge system that requires a permit under The Clean Streams Law will use a flat fee:

\$ 1,500 per submittal (non-municipal)
\$ 500 per submittal (municipal)



Lehigh County Authority

1053 Spruce Road * P.O. Box 3348 * Allentown, PA 18106-0348
(610) 398-2503 * FAX (610) 398-8413 * Email: service@lehighcountyauthority.org

LETTER OF TRANSMITTAL

Date: October 6, 2025

To: Jennifer Gomez, AICP
City of Allentown
435 Hamilton Street
Allentown, PA 18101

Re: S 12th Street Apartments – 2250 and 2268 S 12th St, City of Allentown, Lehigh County, PA

No. of Copies	Date	Description
1	10/6/25	Completed Sewer Planning Module
1	10/6/25	Plan Showing Path of Sewage to WWTP
1	10/6/25	Appendix A Cover Letter

☒ As Requested
☐ For Your Information
☐ For Your Comments
☐ For Action By You

☐ Approved
☐ Approved As Noted
☐ Revise And Resubmit
☐ For Your Files

Comments:

LCA has completed the Sewer Planning Module for the subject property. The hard copy will be sent to you in the mail. Please contact me if you have any questions.

From: Jacob Hunsicker
cc: Scott Novatnak, DEP (via email)
Jeffrey Mondulick, DEP (via email)
David Petrik, COA (via email)
Jesus Sadiua, COA (via email)
Phil DePoe, LCA (via email)
Jedadiah Bortz, COA (via email)
Liesel Gross, LCA (via email)
Brian Ritter, JENA Engineering Corp. (via email)



1053 SPRUCE ROAD * P.O. BOX 3348 * ALLENTOWN, PA 18106-0348
610-398-2503 * FAX 610-398-8413 * www.lehighcountyauthority.org
email: service@lehighcountyauthority.org

October 1, 2025

Jennifer Gomez, AICP
Planning Director
City of Allentown
435 Hamilton Street
Allentown, PA 18101

RE: S 12th Street Apartments – 2250 and 2268 S 12th St, City of Allentown
Sewer Module - Chapter 94 Consistency Determination – Appendix A

Dear Mrs. Gomez,

This letter and approval for the attached Sewage Facilities Planning Module is based on the current estimate of available wastewater capacity. This letter does not promise, guarantee or assure any future conveyance or treatment allocation without compliance with all applicable rules and regulations, payment of all necessary fees and availability of the respective allocation at that time.

In accordance with the Interim Act 537 Plan submitted by the Kline's Island Sewer System (KISS) municipalities to the Pa. Department of Environmental Protection and approved on June 25, 2021, an amount equal to the property or development's wastewater flow will be allocated from the Connection Management Plan at the time of approval of the Sewage Facilities Planning Module. This property or development's wastewater flow need, as represented in the attached Sewage Planning Module, is 17,136 gallons per day. Therefore, the Connection Management Plan balance will be adjusted as follows:

2020 Connection Management Plan Allocation (all numbers in gallons per day)	1,500,000
2021-2025 Connection Management Plan Allocation	3,117,129
Previously allocated from prior planning module submissions (since 1/17/20)	-2,306,531
This submission	-17,136
Remaining Allocation in KISS Connection Management Plan (as of 10/1/25)	2,293,462

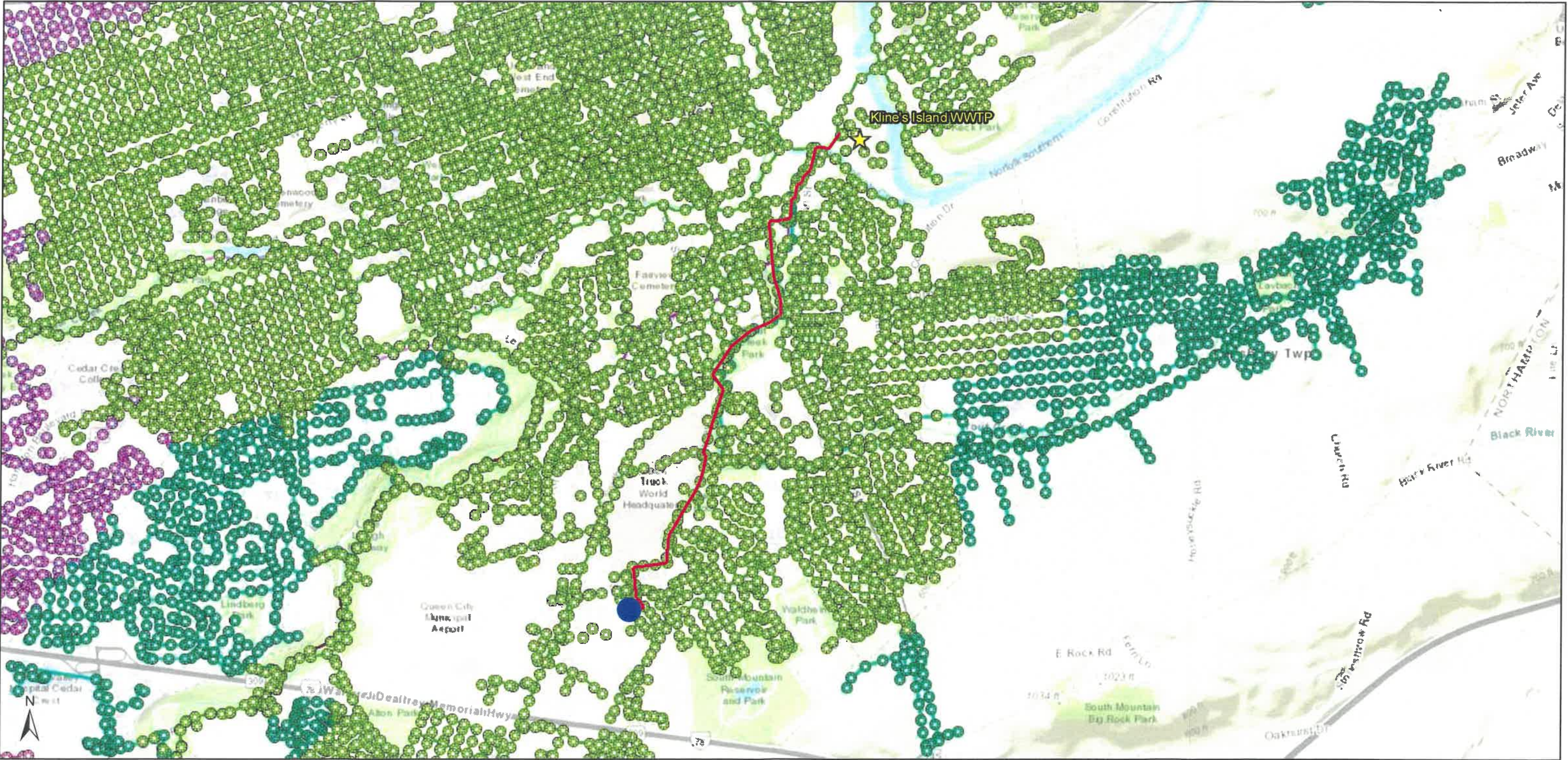
Please contact me if you have any questions about this information.

Sincerely,

Diesel M. Gross
Chief Executive Officer

cc: Scott Novatnak, DEP
Jeffrey Mondulick, DEP
Brandon Jones, COA
Jesus Sadiua, COA
David Petrik, COA
Jedediah Bortz, COA
Phil DePoe, LCA
Brian Ritter, JENA Engineering Corp

LCA Flow Map - 2250 S 12th St



9/5/2025, 8:25:13 AM

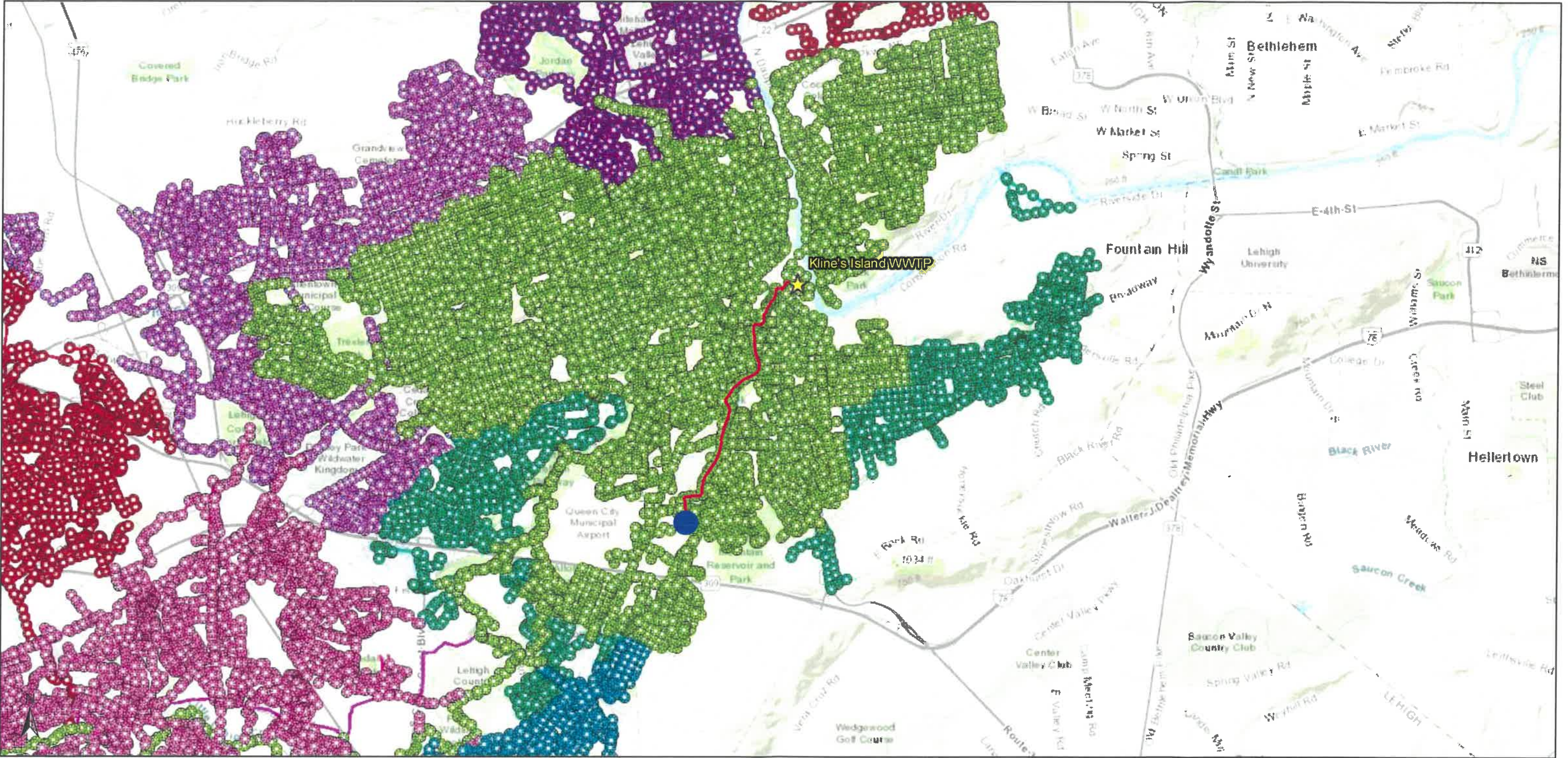
1:36,112

- | | | | |
|---------------------------|----------------------------|----------------------------------|-------------------------------|
| ● Allentown Customer | ● Salisbury Manholes | — CWSA Sanitary Mains | — Suburban Force Mains |
| ● COA Manholes | ● South Whitehall Manholes | — Lower Macungie Sanitary Mains | Suburban Gravity Mains |
| ● CWSA Manholes | ● LCA Suburban Manholes | — Salisbury Sanitary Mains | — Suburban Collector Mains |
| ● Lower Macungie Manholes | — COA Sanitary Mains | — South Whitehall Sanitary Mains | — Suburban Interceptor Mains |

Sources: Esri, HERE, Garmin, Intermap, inc, GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



LCA Flow Map - 2268 S 12th St



9/5/2025, 8:21:49 AM

1:72,224

- | | | | | | |
|---|---|---|--|--|--|
| <ul style="list-style-type: none">Allentown CustomerSuburban CustomerCOA ManholesCWSA Manholes | <ul style="list-style-type: none">Emmaus ManholesHanover ManholesLower Macungie ManholesSalisbury Manholes | <ul style="list-style-type: none">South Whitehall ManholesLCA Suburban ManholesUpper Macungie ManholesCOA Sanitary Mains | <ul style="list-style-type: none">CWSA Sanitary MainsEmmaus Sanitary MainsHanover Sanitary MainsLower Macungie Sanitary Mains | <ul style="list-style-type: none">Salisbury Sanitary MainsSouth Whitehall Sanitary MainsSuburban Force MainsSuburban Collector MainsSuburban Interceptor Mains | <ul style="list-style-type: none">Suburban Gravity MainsUpper Macungie Sanitary Mains |
|---|---|---|--|--|--|

Sources: Esri, HERE, Garmin, Intermap, inc, GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community





COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

DEP Code #:
2-39001368-3

SEWAGE FACILITIES PLANNING MODULE
COMPONENT 4A - MUNICIPAL PLANNING AGENCY REVIEW

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning module package and one copy of this *Planning Agency Review Component* should be sent to the local municipal planning agency for their comments.

SECTION A. PROJECT NAME (See Section A of instructions)

Project Name

South 12th Street Apartment Building

SECTION B. REVIEW SCHEDULE (See Section B of instructions)

1. Date plan received by municipal planning agency October 8, 2025

2. Date review completed by agency October 8, 2025

SECTION C. AGENCY REVIEW (See Section C of instructions)

- | Yes | No | |
|-------------------------------------|-------------------------------------|---|
| ☒ | ☐ | 1. Is there a municipal comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101, <i>et seq.</i>)? |
| ☒ | ☐ | 2. Is this proposal consistent with the comprehensive plan for land use?
If no, describe the inconsistencies _____ |
| ☒ | ☐ | 3. Is this proposal consistent with the use, development, and protection of water resources?
If no, describe the inconsistencies _____ |
| ☐ | ☐ | 4. Is this proposal consistent with municipal land use planning relative to Prime Agricultural Land Preservation? (the City does not have agricultural land to preserve). |
| ☐ | ☒ | 5. Does this project propose encroachments, obstructions, or dams that will affect wetlands?
If yes, describe impacts _____ |
| ☐ | ☐ | 6. Will any known historical or archaeological resources be impacted by this project?
If yes, describe impacts <u>The module did not show proof of coordination with SHPO.</u> |
| ☐ | ☒ | 7. Will any known endangered or threatened species of plant or animal be impacted by this project?
If yes, describe impacts <u>"No known impacts" per PNDI findings.</u> |
| ☒ | ☐ | 8. Is there a municipal zoning ordinance? |
| ☒ | ☐ | 9. Is this proposal consistent with the ordinance?
If no, describe the inconsistencies _____ |
| ☒ | ☐ | 10. Does the proposal require a change or variance to an existing comprehensive plan or zoning ordinance? |
| ☒ | ☐ | 11. Have all applicable zoning approvals been obtained? |
| ☒ | ☐ | 12. Is there a municipal subdivision and land development ordinance? |

SECTION C. AGENCY REVIEW (continued)

Yes

No



13. Is this proposal consistent with the ordinance?

If no, describe the inconsistencies _____



14. Is this plan consistent with the municipal Official Sewage Facilities Plan?

If no, describe the inconsistencies _____



15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?

If yes, describe _____



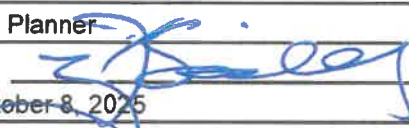
16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision? (not applicable)



If yes, is the proposed waiver consistent with applicable ordinances?

If no, describe the inconsistencies _____

17. Name, title and signature of planning agency staff member completing this section:

Name: Jesus SadiuaTitle: City PlannerSignature: Date: October 8, 2025Name of Municipal Planning Agency: City of AllentownAddress: 435 Hamilton Street, Allentown, PA 18101Telephone Number: 610-437-7613 x2866**SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)**

This component does not limit municipal planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.

The planning agency must complete this component within 60 days.

This component and any additional comments are to be returned to the applicant.



SEWAGE FACILITIES PLANNING MODULE COMPONENT 4B - COUNTY PLANNING AGENCY REVIEW

(or Planning Agency with Areawide Jurisdiction)

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning package and one copy of this *Planning Agency Review Component* should be sent to the county planning agency or planning agency with areawide jurisdiction for their comments.

SECTION A. PROJECT NAME (See Section A of instructions)

Project Name

2268 S. 12th St. Apartments

SECTION B. REVIEW SCHEDULE (See Section B of instructions)

1. Date plan received by county planning agency ---
2. Date plan received by planning agency with areawide jurisdiction October 10, 2025
Agency name Lehigh Valley Planning Commission
3. Date review completed by agency October 29, 2025

SECTION C. AGENCY REVIEW (See Section C of instructions)

- | Yes | No | |
|-------------------------------------|-------------------------------------|--|
| ☒ | ☐ | 1. Is there a county or areawide comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101 <i>et seq.</i>)? |
| ☐ | ☐ | 2. Is this proposal consistent with the comprehensive plan for land use? <i>Area designated for Development in Future General Land Use Plan</i> |
| ☐ | ☐ | 3. Does this proposal meet the goals and objectives of the plan?
<i>Generally meets goals and objectives.</i> |
| ☒ | ☐ | 4. Is this proposal consistent with the use, development, and protection of water resources?
If no, describe inconsistency _____ |
| ☒ | ☐ | 5. Is this proposal consistent with the county or areawide comprehensive land use planning relative to Prime Agricultural Land Preservation?
If no, describe inconsistencies: _____ |
| ☐ | ☒ | 6. Does this project propose encroachments, obstructions, or dams that will affect wetlands?
If yes, describe impact _____ |
| ☐ | ☐ | 7. Will any known historical or archeological resources be impacted by this project? <i>PHMC documentation not submitted</i>
If yes, describe impacts --- |
| ☐ | ☐ | 8. Will any known endangered or threatened species of plant or animal be impacted by the development project? <i>See PNDI results.</i>
If yes, describe impacts _____ |
| ☐ | ☒ | 9. Is there a county or areawide zoning ordinance? |
| ☐ | ☐ | 10. Does this proposal meet the zoning requirements of the ordinance? <i>N/A</i>
If no, describe inconsistencies --- |

SECTION C. AGENCY REVIEW (continued)

Yes No

- ☐ ☐ 11. Have all applicable zoning approvals been obtained? N/A
- ☒ ☐ 12. Is there a county or areawide subdivision and land development ordinance? Not applicable to the City of Allentown
- ☐ ☐ 13. Does this proposal meet the requirements of the ordinance? N/A
If no, describe which requirements are not met ---
- ☐ ☐ 14. Is this proposal consistent with the municipal Official Sewage Facilities Plan? See municipal interpretation
If no, describe inconsistency ---
- ☐ ☒ 15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?
If yes, describe ---
- ☐ ☐ 16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision? N/A
- ☐ ☐ If yes, is the proposed waiver consistent with applicable ordinances.
If no, describe the inconsistencies ---
- ☒ ☐ 17. Does the county have a stormwater management plan as required by the Stormwater Management Act?
- ☐ ☒ If yes, will this project plan require the implementation of storm water management measures?

18. Name, Title and signature of person completing this section:

Name: Corinne RuggieroTitle: Environmental PlannerSignature: Corinne RuggieroDate: October 29, 2025Name of County or Areawide Planning Agency: Lehigh Valley Planning CommissionAddress: 615 Waterfront Drive, Suite 201, Allentown, PA 18102Telephone Number: 610-264-4544**SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)**

This component does not limit county planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.

The county planning agency must complete this component within 60 days.

This component and any additional comments are to be returned to the applicant.

1. PROJECT INFORMATION

Project Name: **12TH Streets Apartments**

Date of Review: **7/17/2025 02:29:22 PM**

Project Category: **Development, Residential, single-family living unit (not located within a subdivision)**

Project Area: **2.22 acres**

County(s): **Lehigh**

Township/Municipality(s): **Allentown City**

ZIP Code:

Quadrangle Name(s): **ALLENTOWN EAST**

Watersheds HUC 8: **Lehigh**

Watersheds HUC 12: **Little Lehigh Creek-Lehigh River**

Decimal Degrees: **40.570617, -75.474040**

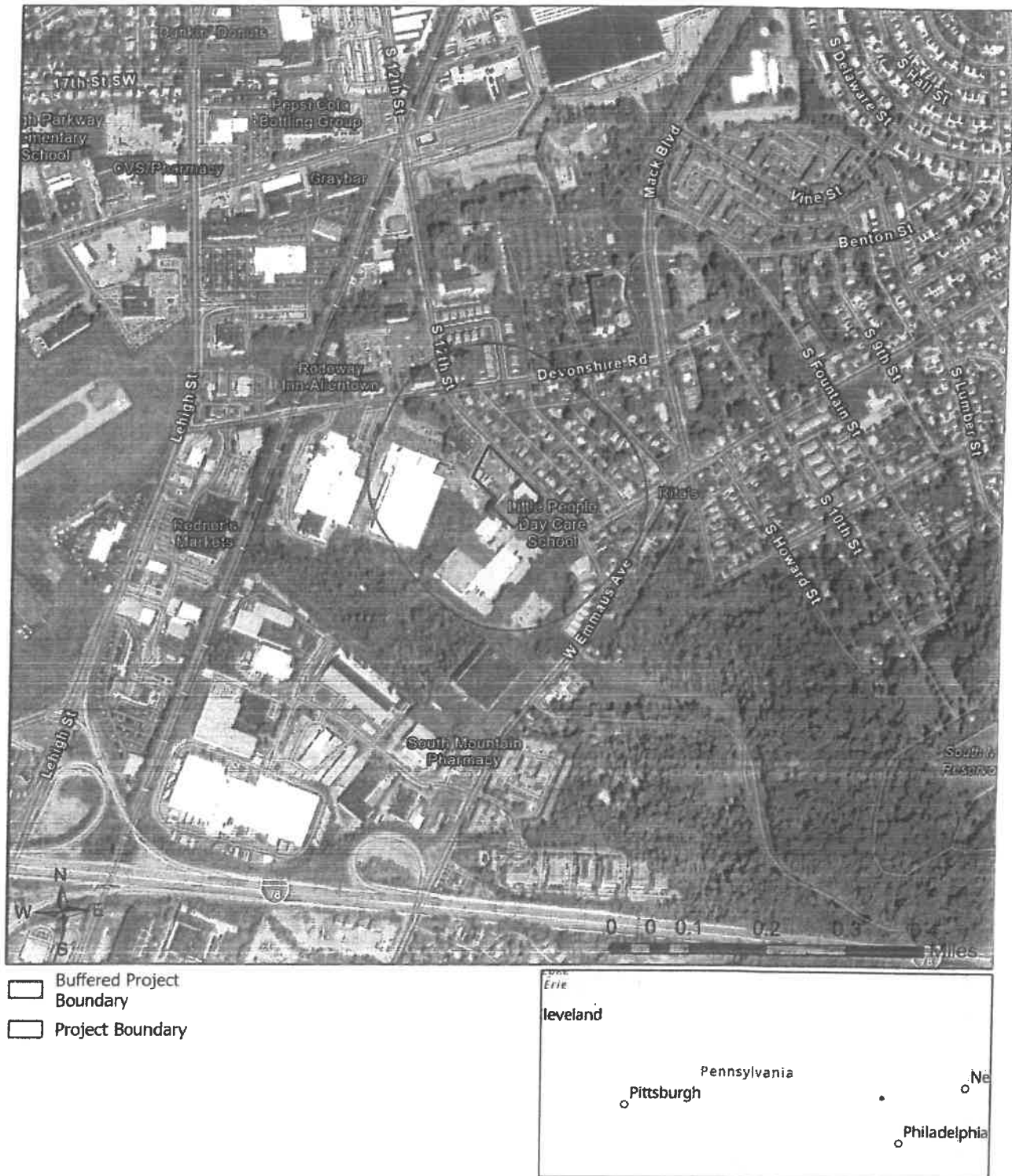
Degrees Minutes Seconds: **40° 34' 14.2215" N, 75° 28' 26.5450" W**

2. SEARCH RESULTS

Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No Further Review Required

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate no known impacts to threatened and endangered species and/or special concern species and resources within the project area. Therefore, based on the information you provided, no further coordination is required with the jurisdictional agencies. This response does not reflect potential agency concerns regarding impacts to other ecological resources, such as wetlands.

12TH Streets Apartments



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Page 3 of 6

RESPONSE TO QUESTION(S) ASKED

Q1: Is tree removal, tree cutting or forest clearing necessary to implement all aspects of this project?

Your answer is: No

Q2: Will the action include disturbance to trees such as tree cutting (or other means of knocking down, or bringing down trees, tree topping, or tree trimming), pesticide/herbicide application or prescribed fire?

Your answer is: No

Q3: Does the action area contain any caves (or associated sinkholes, fissures, or other karst features), mines, rocky outcroppings, culverts, or tunnels that could provide habitat for hibernating bats?

Your answer is: No

Q4: Does the action area contain any caves (or associated sinkholes, fissures, or other karst features), mines, rocky outcroppings, culverts, or tunnels that could provide habitat for hibernating bats?

Your answer is: No

3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are **valid for two years** (from the date of the review), and are based on the project information that was provided, including the exact project location; the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jurisdictional agencies **strongly advise against** conducting surveys for the species listed on the receipt prior to consultation with the agencies.

PA Game Commission

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Department of Conservation and Natural Resources

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Fish and Boat Commission

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

U.S. Fish and Wildlife Service

RESPONSE:

No impacts to **federally** listed or proposed species are anticipated. Therefore, no further consultation/coordination under the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq. is required. Because no take of federally listed species is anticipated, none is authorized. This response does not reflect potential Fish and Wildlife Service concerns under the Fish and Wildlife Coordination Act or other authorities.

4. DEP INFORMATION

The Pa Department of Environmental Protection (DEP) requires that a signed copy of this receipt, along with any required documentation from jurisdictional agencies concerning resolution of potential impacts, be submitted with applications for permits requiring PNDI review. Two review options are available to permit applicants for handling PNDI coordination in conjunction with DEP's permit review process involving either T&E Species or species of special concern. Under sequential review, the permit applicant performs a PNDI screening and completes all coordination with the appropriate jurisdictional agencies prior to submitting the permit application. The applicant will include with its application, both a PNDI receipt and/or a clearance letter from the jurisdictional agency if the PNDI Receipt shows a Potential Impact to a species or the applicant chooses to obtain letters directly from the jurisdictional agencies. Under concurrent review, DEP, where feasible, will allow technical review of the permit to occur concurrently with the T&E species consultation with the jurisdictional agency. The applicant must still supply a copy of the PNDI Receipt with its permit application. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. The applicant and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <https://conservationexplorer.dcnr.pa.gov/content/resources>.

5. ADDITIONAL INFORMATION

The PNDI environmental review website is a preliminary screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page (www.naturalheritage.state.pa.us). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

6. AGENCY CONTACT INFORMATION

PA Department of Conservation and Natural Resources

Bureau of Forestry, Ecological Services Section
400 Market Street, PO Box 8552
Harrisburg, PA 17105-8552
Email: RA-HeritageReview@pa.gov

PA Fish and Boat Commission

Division of Environmental Services
595 E. Rolling Ridge Dr., Bellefonte, PA 16823
Email: RA-FBPACENOTIFY@pa.gov

U.S. Fish and Wildlife Service

Pennsylvania Field Office
Endangered Species Section
110 Radnor Rd; Suite 101
State College, PA 16801
Email: IR1_ESPenn@fws.gov
NO Faxes Please

PA Game Commission

Bureau of Wildlife Management
Division of Environmental Review
2001 Elmerton Avenue, Harrisburg, PA 17110-9797
Email: RA-PGC_PNDI@pa.gov
NO Faxes Please

7. PROJECT CONTACT INFORMATION

Name: David Bray
Company/Business Name: JENA Engineering
Address: 2358 Sunshine Rd
City, State, Zip: Altoona Pa 16803
Phone: (570) 730-8145 Fax: ()
Email: dbray.jenaengineering@gmail.com

8. CERTIFICATION

I certify that ALL of the project information contained in this receipt (including project location, project size/configuration, project type, answers to questions) is true, accurate and complete. In addition, if the project type, location, size or configuration changes, or if the answers to any questions that were asked during this online review change, I agree to re-do the online environmental review.

[Signature]
applicant/project proponent signature

9/11/25
date

PROJECT NARRATIVE

1. **Indicate the nature of the development project. (Residential, Commercial, Institutional, Industrial, etc.) If the project is commercial, institutional, describe the activity, such as light manufacturing, private hospital, or heavy manufacturing.**

The lot is 2.23 Acres with an existing medical building located on the property. The existing building will be converted into 40 apartments. There will be an additional residential building proposed for 50 units.

2. **The number of lots or EDU's in the development project.**

There proposed 90 unit apartments and will generate a total of 190.4 GPD per unit of sanitary sewage flow. Total proposed sewage flow: 90 units 17,136 total GPD

3. **Describe the proposed sewage disposal method (municipal treatment facility, package plant, etc.) including a description of collection and conveyance facilities, if applicable. Include a general map showing the path of the sewage to the treatment facility.**

The proposed disposal method for this project is to connect to the existing sanitary sewer infrastructure within the street for the proposed apartments. Said street for conveying the flow to the Kline's Island Treatment Plant.

Conveyance:

The sewage flows will be conveyed to existing gravity line within 12th Street.

Treatment:

As mentioned previously, the sewage flows from this site will flow to the Kiline's Island Treatment Plant . This is operated by Lehigh County Authority (LCA).

4. **Specify the projected population to be served and sewage flows in GPD and how these flows were calculated.**

The generation of sewer flows is 190.4 GPD per apartment unit per LCA.

5. **Describe the location, disposal point or land application, if applicable.**

The discharge from this site is to sanitary sewers located within the street.

List the total acreage of the proposed land development project.

The total lot area is 2.23 Acres.

6. **Describe the use of any acreage or parcels under the same ownership and adjacent to the property. (Such as: for future development, recreational, agriculture, open space, etc.) If the land is proposed for future development, or is part of a phased project, determine if there will be adequate sewage disposal facilities to serve those phases.**

There are no other lands immediately adjacent to the property under ownership by the owner of this property. Surrounding properties have been previously developed

7. **Provide information on any previous Act 537 planning completed for the site and any other information that the applicant believes is important for the Department's review of the project.**

There has been no known sewer planning module for this specific site. There will not be any expansion of the service area for this project and the project is within the Township's Act 537.

Wetland Considerations

There are no wetlands on this site. As such, no additional permitting for crossing this feature is required.

19 September 2025

S. 12th Street Apartments
2250 and 2268 S. 12th Street
City of Allentown, Lehigh County, PA

Planning Module – Alternate Sewage Facility Analysis – Component 3 – Section H

The development lies within the Service area for Public Sewer for treatment by the City of Allentown's Kline Island Waste Treatment Plant. There currently exists sewer line within South 12th Street that will serve 2250 S. 12th Street apartment building; for which there will be a single lateral connection from the apartment building to the main in S. 12th Street. The existing building, 2268 S. 12th Street building is served by a single tie in which goes to the existing sewer main in W. Sesqui Street which then flows to the sewer main within S. 12th Street. The property and area immediately adjacent are Zoned I-3 – General Industrial District which does not permit apartment buildings; however, zoning variances were granted allowing for adaptive reuse apartments. Lands across S. 12th Street are Zoned – R-M - Medium High Density Residential which have upon them built single family, single and twin units. This area if developed is within the Allentown Service Area for public Sewerage.

The Allentown Sewage Facilities are currently being closely monitored by DEP and are being modified as approved by DEP and under their guidance and approval of such modifications before being made. This is why a Planning Module Exception which would be normally applied for with such a small increase in sewage flows is not possible.



LEHIGH COUNTY AUTHORITY 1053 SPRUCE ROAD * P.O. BOX 3348 * ALLENTOWN, PA 18106-0348
610-398-2503 * FAX 610-398-8413 * www.lehighcountyauthority.org
email: service@lehighcountyauthority.org

October 10, 2025

Mrs. Jennifer Gomez
Planning Director
City of Allentown
435 Hamilton Street
Allentown, PA 18101

SUBJECT: S 12th Street Apartments – 2250-2268 S 12th Street
Will Serve - Water Service

Dear Mrs. Gomez:

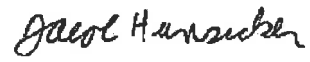
Lehigh County Authority (LCA) is willing to provide public water service in the requested amount of 17,136 GPD to the S 12th Street Apartment project that will add 90 apartment units to the site located at 2250-2268 S 12th Street. LCA has ample capacity to provide water service to this development and the service is presently available in the adjacent streets.

Tapping fees, connection fees, and meter fees are based upon the City of Allentown's ordinances and LCA's schedule of rate fees. Any abandoned lines must be properly capped.

Water service is conditioned upon the following:

1. LCA approval of the site, plumbing and fire protection system plans.
2. Developer obtaining any road opening permits from the municipality and/or PA-DOT to construct the water mains and/or services.
3. Developer executing a Developer's Water System Agreement or a Construction Permit with LCA for construction of the water mains and/or services.
4. Developer installation of water mains and/or services in accordance with the approved plans and applicable LCA policies and regulations, including the current General Specifications for Water System Construction.
5. Developer compliance with the terms and conditions of LCA's Rules and Regulations for Water Service, including completion of an Application for Water Service and payment of all applicable fees. Tapping fees shall be paid to LCA prior to building permits being provided by the City.

Sincerely,

A handwritten signature in black ink that reads "Jacob Hunsicker". The script is cursive and fluid.

Jacob Hunsicker
Capital Works Project Specialist

cc: Bryan Ritter – JENA Engineering
Brandon Jones - COA
Jesus Sadiua – COA
Jedadiah Bortz – COA
Melissa Velez - COA



Lehigh Valley Planning Commission

DR. CHRISTOPHER R. AMATO
Chair

CHRISTINA V. MORGAN
Vice Chair

ARMANDO MORITZ-CHAPELLIQUEN
Treasurer

BECKY A. BRADLEY, AICP
Executive Director

October 29, 2025

Mr. Bryan Ritter, PE
JENA Engineering Corp.
2358 Sunshine Road, Suite 200
Allentown, PA 18103

**Re: Act 537 Review - Sewage Facilities Planning Module
2268 S 12th St. Apartments
City of Allentown, Lehigh County
DEP Code No. 2-39001368-3**

Dear Mr. Ritter:

The Lehigh Valley Planning Commission (LVPC) reviewed the above-referenced planning module according to the requirements of Act 537, the Pennsylvania Sewage Facilities Act. We offer the following comments.

This sewage facilities planning module is intended for the proposed redevelopment of an existing building into 40 apartment units as well as the construction of a five-story, 15,023-square foot building containing 50 apartment units on 2.23 acres at 2268 and 2250 South 12th Street. The existing building that is proposed for redevelopment into 40 apartment units is already served by public sewage disposal through a connection to the existing public sewer system in W. Sesqui Street. The new 50-unit apartment building is proposed to be served by public sewage disposal by connecting to the existing public sewer system within South 12th Street, owned by the City, with ultimate treatment at the Kline's Island wastewater treatment plant. According to *FutureLV: The Regional Plan*, the proposed project is within an area designated for Development in the General Land Use Plan and aligns with the *FutureLV* actions to 'match development intensity with sustainable infrastructure capacity' (of Policy 1.1) and 'promote development in areas with public sewer and water capacity' (under Policy 3.2).

Enclosed please find an executed Module Component 4b. Please call me if you have any questions regarding this review.

Sincerely,

Corinne Ruggiero, SEO
Environmental Planner

Enclosure

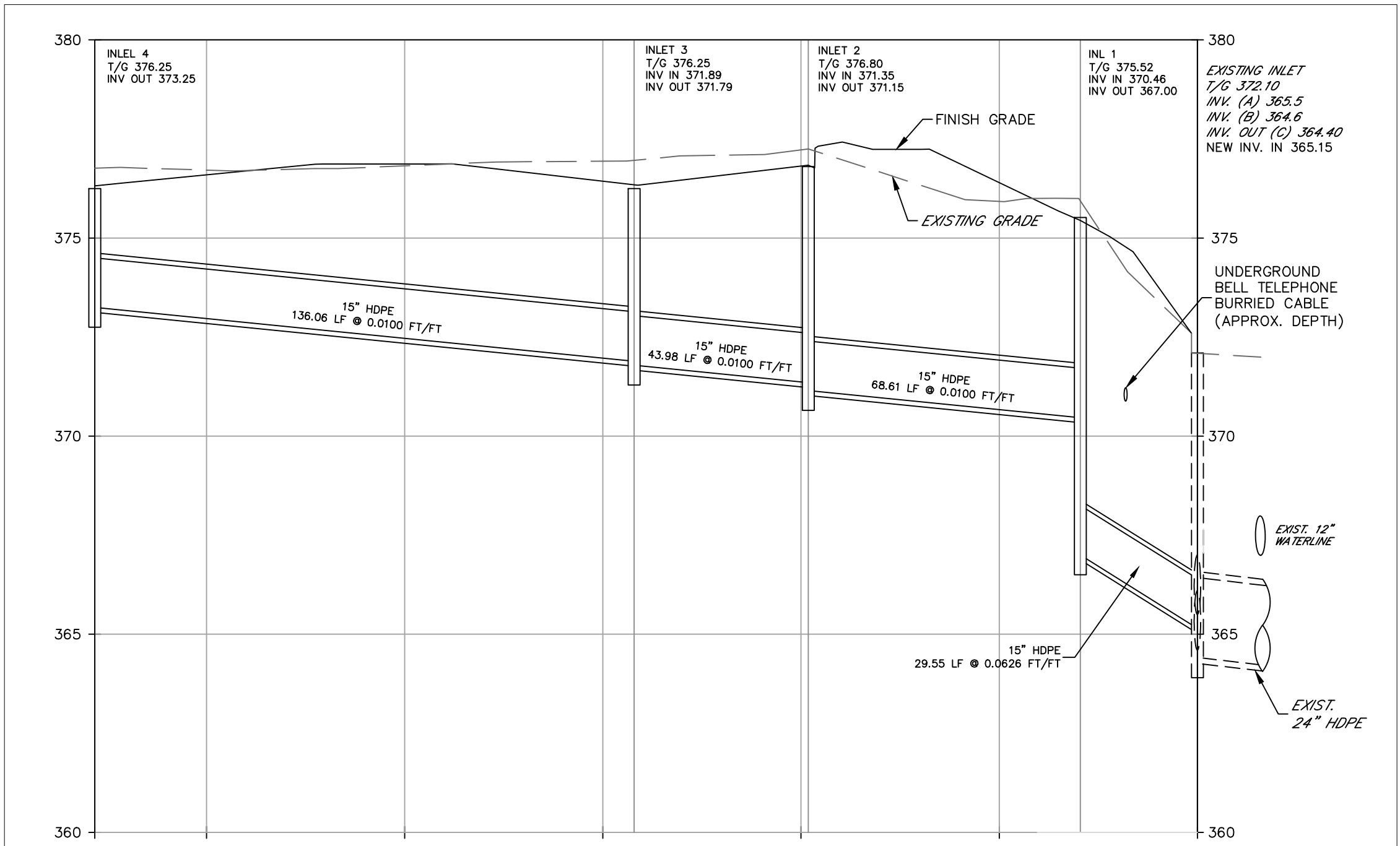
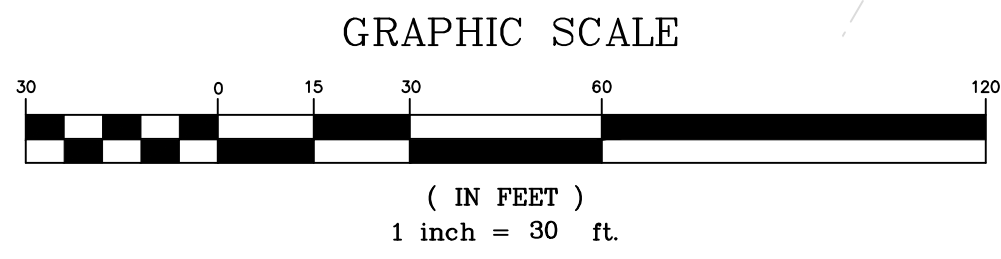
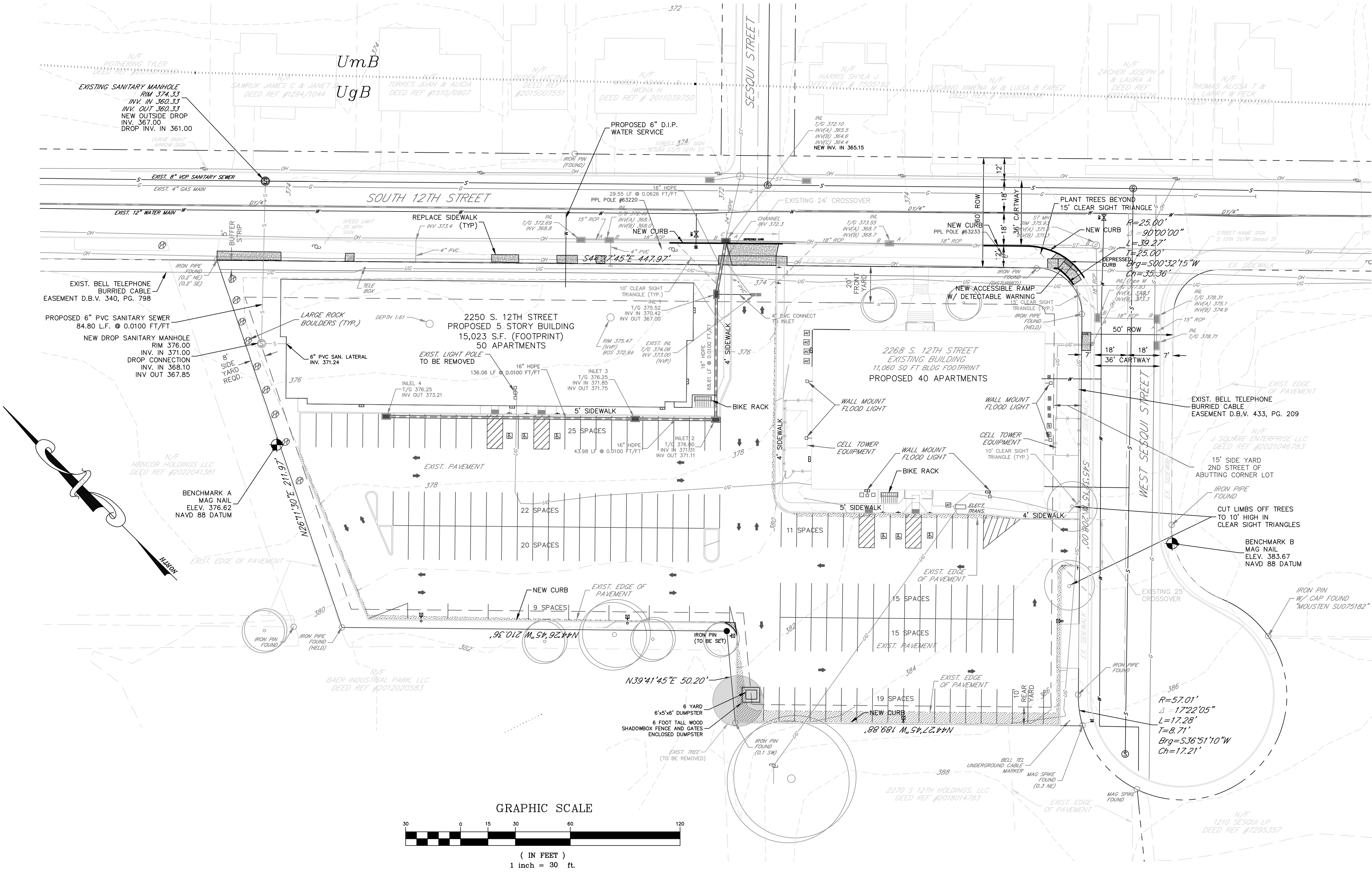
cc: Jesse Sadiua, Chief Planner, City of Allentown
Brandon Jones, Planner, City of Allentown
Jedediah Bortz, Associate Engineer 2, City of Allentown
Jeffrey Mondulick, PA Department of Environmental Protection
Abraham Atyieh (Applicant)

ALL CONTRACTORS WORKING ON THIS PROJECT SHALL VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES/FACILITIES PRIOR TO START OF WORK AND SHALL COMPLY WITH THE REQUIREMENTS OF P.L. 852, NO. 287, DECEMBER 15, 1974 AS LAST AMENDED ON MARCH 29, 2007, PENNSYLVANIA, ACT 191.

LOCATIONS OF EXISTING UNDERGROUND UTILITIES/FACILITIES SHOWN HEREON HAVE BEEN DEVELOPED FROM RECORDS, FIELD MARKOUTS BY UTILITY OWNERS, AND/OR ABOVE-GROUND OBSERVATIONS OF THE SITE. NO EXCAVATIONS WERE PERFORMED IN THE PREPARATION OF THESE DRAWINGS. THEREFORE ALL UTILITIES SHOWN SHOULD BE CONSIDERED APPROXIMATE IN LOCATION, DEPTH, AND SIZE. POTENTIAL EXISTS FOR OTHER UNDERGROUND UTILITIES/FACILITIES TO BE PRESENT WHICH ARE NOT SHOWN ON THE DRAWINGS. ONLY VISIBLE LOCATIONS OF UNDERGROUND UTILITIES/FACILITIES AT THE TIME OF THE FIELD SURVEY SHALL BE CONSIDERED TRUE AND ACCURATE. COMPLETENESS OR ACCURACY OF UNDERGROUND UTILITIES/FACILITIES IS NOT GUARANTEED BY JENA ENGINEERING CORP.

CALL BEFORE YOU DIG
IN PENNSYLVANIA
A Three Warning Day Notice is the Law!
1-800-242-1776
Dig Safely.

- SURVEY NOTES:
- ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), BASED ON GPS OBSERVATIONS UTILIZING THE KEYSTONE VRS NETWORK (KEYNETGPS).
TEMPORARY BENCH MARKS SET:
TBM-A- MAG NAIL SET IN ASPHALT PAVEMENT, ELEVATION= 376.62'
TBM-B- MAG NAIL SET IN CONC WALK, ELEVATION= 383.67'
 - EXISTING FIRM: BY GRAPHIC PLOTTING ONLY PROPERTY IS LOCATED IN FLOOD HAZARD ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% CHANCE FLOODPLAIN.)
REFERENCE: MAP ENTITLED "NATIONAL FLOOD INSURANCE PROGRAM, FIRM, FLOOD INSURANCE RATE MAP, LEHIGH COUNTY, PENNSYLVANIA, (ALL JURISDICTIONS), PANEL 253 OF 340", MAP NUMBER 42077C0253F, LAST REVISED 07-16-2004



PROFILE OF EXISTING INLET TO INLET 4
SCALE: HORIZ. 1" = 30'
VERT. 1" = 3'

LEGEND

PROPERTY LINE	---
CONCRETE CURB	---
EDGE OF PAVEMENT	---
INLET	---
STORM SEWER	---
WATER LINE	---
GAS LINE	---
SANITARY SEWER	---
OVERHEAD UTILITY	---
UNDERGROUND UTILITY	---
FIRE HYDRANT	---
UTILITY POLE	---
CONTOUR LINE	---
EXISTING TREE (TO BE RETAINED)	---
EXISTING TREE (TO BE REMOVED)	---
NEW CROSSOVER/SIDEWALK TO BE REPLACED	---
NEW PAVEMENT	---

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CONSULTING ENGINEERS & SURVEYORS

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RECORD OWNER:
EXCHANGE 32 LLC
1177 6TH ST
WHITEHALL PA 18059-3212

PLAN PREPARED BY:
BRYAN L RITTER, P.E.
(PE-036802-E)

FINAL PLAN
UTILITY PLAN
12th STREET APARTMENTS
2268 S. 12th STREET
19th WARD
CITY OF ALLENTOWN
LEHIGH COUNTY - PENNSYLVANIA

SHEET: 4 of 8
PROJECT: 021223
DATE: 3/6/25
SCALE: 1"=30'
DRAWN BY: G.M.
DESIGN BY: D.M.B.

BY

REVISIONS

DATE

BY

DATE

7-3-25 REVISIONS PER CITY COMMENTS DATED 5-9-25